

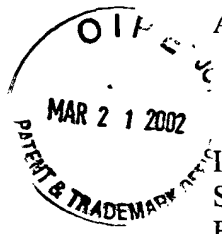
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PATENT

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Pre/A



Attorney's Docket No. 5470-259CT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Weston, et al. Art Unit: To be assigned  
Serial No.: 10/005,715 Examiner: To be assigned  
Filed: November 7, 2001  
For: ANTISENSE HUMAN FUCOSYLTRANSFERASE SEQUENCES  
AND METHODS OF USE THEREOF

Date: March 21, 2002

U.S. Patent and Trademark Office  
Box Sequence, P.O. Box 2327  
Arlington, VA 22202

**AMENDMENT AND RESPONSE TO  
REQUEST FOR SEQUENCE LISTING**

Sir:

Prior to the examination of the above application, please amend the above-identified application as indicated below.

**IN THE SPECIFICATION:**

Please replace the paragraph starting at page 17, line 24 to page 18, line 12, with the following:

**Construction of FUT3 antisense, sense, and control plasmids for stable transfection of HT-29LMM.** The plasmid pcDNA3 (InVitrogen, Carlsbad, CA) was chosen for cloning and selection of FUT3 antisense, sense, and control constructs in HT-29LMM due to preliminary data showing high level expression of chloramphenicol acetyltransferase (CAT) in stable transfection experiments of parental HT-29 cells (data not shown). The CAT coding region (Pharmacia, Piscataway, NJ) was cloned in the sense orientation into the *HindIII* site of pcDNA-3 and served as control throughout expression studies. The plasmid pcDNA3-FUT3S was created by digestion of pFUT3 (R. Mollicone et al., J. Biol. Chem., 269: 20987-20994, 1994) with *XhoI* and *XbaI* and directional cloning into pcDNA3. Likewise, pFUT3 was also digested with *XhoI* and *HindIII*, and the resulting fragment cloned in antisense orientation to the CMV promoter in pcDNA3, yielding the expression vector pcDNA3-FUT3AS. Finally, a truncated coding region antisense construct was created by amplification of FUT3 bp 733-1004 (J. Kukosawa-Latallo et al., Genes Devel.,

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